



KOTHARI INTERNATIONAL SCHOOL, NOIDA
Curriculum Overview - LS3
SESSION: JULY 2025- APRIL 2026



ENGLISH

MONTH	UNIT/TOPIC	CONCEPTS
July	UNIT 1: GOING UNDERGROUND UNIT 2: LAW AND ORDER UNIT 3: 'THE RED-HEADED LEAGUE'	Writing • Comparing characters • Analysing structure • Writing a Report • Writing a story ending • Descriptive Writing • Writing contemporary fantasy • Writing a formal review • Writing a drama scene • Producing a travel writing • Summarising views • Descriptive writing • Analysing character Language • Types of Imagery • Introduction to modals
August	UNIT 4: TIME	Writing • Writing different types of poems

		• Writing a speech • Writing a story opening Language • Tenses • Conditionals and Modals • Verb Choices
September	UNIT 5: THAT'S ENTERTAINMENT	Writing • Writing a dramatic structure • Writing a comedy scene • Writing a discursive response • Imaginative Writing Language • Asides and Dramatic Irony • Layers of meaning in figurative language
October	UNIT 6: A SENSE OF PLACE	Writing • Poetry analysis • Analysing Spatial Metaphors • Writing Sonnet Lines • Homecoming Writing Language • Rhyme couplets and imperfect rhyme • Pathetic Fallacy
November	UNIT 7: 'THE JOURNEY WITHIN'	Writing • Short fantasy account • Imaginative monologue • Writing a persuasive Speech • Writing a feature article

		Language ● Levels of formality ● Dramatic conflict via language ● Pronoun choices ● Motifs
December	Revision and Half Yearly Exams	All Units Taught
January	UNIT 8: DIFFERENT LIVES	Writing ● Short fantasy account ● Imaginative monologue ● Writing a persuasive Speech ● Writing a feature article Language ● Motifs ● Levels of formality ● Dramatic conflict via language ● Pronoun choices
February	UNIT 9: STRANGE AND UNUSUAL	Writing ● Translating Shakespearean English ● Writing a feature article ● Writing a short story with a twist Language ● Ambiguous Endings ● Puns and dual meanings
March	UNIT 9: STRANGE AND UNUSUAL	Writing ● Translating Shakespearean English ● Writing a feature article

		• Writing a short story with a twist Language • Ambiguous Endings • Puns and dual meanings
April	REVISION	Units being assessed

SUBJECT – MATHS

MONTH	TOPIC	CONCEPT
APRIL & MAY 2025	UNIT 1 Number and calculation	1.1 Irrational numbers 1.2 Standard form 1.3 Indices
MAY & JULY 2025	UNIT 2 Expressions and formulae UNIT 3 Decimals, percentages and rounding	2.1 Substituting into expressions 2.2 Constructing Expressions 2.3 Expressions & indices 2.4 Expanding brackets 2.5 Algebraic fractions 3.1 Multiplying and dividing by powers of 10 3.2 Multiplying and dividing decimals 3.3 Understanding compound percentages 3.4 Understanding upper and lower bounds
AUGUST 2025	UNIT 4 Equations and inequalities UNIT 5 Angles	4.1 Constructing and solving equations 4.2 Simultaneous equations 4.3 Inequalities 5.1 Calculating angles 5.2 Interior angles of polygons 5.3 Exterior angles of polygons 5.4 Constructions 5.5 Pythagoras' theorem
SEPTEMBER 2025	UNIT 6 Statistical investigations	6.1 Data collection and sampling 6.2 Bias

	UNIT 7 Shapes and measurements	7.1 Circumference and area of a circle 7.2 Areas of compound shapes 7.3 Large and small units
OCTOBER 2025	UNIT 8 Fractions	8.1 Fractions and recurring decimals 8.2 Fractions and the correct order of operations 8.3 Multiplying fractions 8.4 Dividing fractions 8.5 Making calculations easier
NOVEMBER 2025	UNIT 9 Sequences and functions	9.1 Generating sequences 9.2 Using the nth term 9.3 Representing functions
DECEMBER 2025	Half Yearly Exams	Ch 1 -9
JANUARY 2026	UNIT 10 Graphs	10.1 Functions 10.2 Plotting graphs 10.3 Gradient and intercept 10.4 Interpreting graphs
February 2026	Unit 11 Ratio Unit 12 Probability	11.1 Using ratios 11.2 Direct and inverse proportion 12.1 Mutually exclusive events 12.2 Independent events 12.3 Combined events 12.4 Chance experiments
March 2026	Unit 13 Transformations	13.1 Bearings and scale drawings 13.2 Points on a line segment

	Unit 14 Volume and Surface Area UNIT 15 Interpreting and discussing results	13.3 Transformations 13.4 Enlarging shapes 14.1 Calculating the volume of prisms 14.2 Calculating the surface area of triangular prisms, pyramids and cylinders 14.3 Symmetry in three-dimensional shapes 15.1 Interpreting and drawing frequency polygons 15.2 Scatter graphs 15.3 Back-to-back stem-and-leaf diagrams 15.4 Calculating statistics for grouped data 15.5 Representing data
April 2026	Final Exams	Unit 10 -15 and Unit 2 , 4, 7

SUBJECT – SCIENCE

MONTH	UNIT	CONCEPTS
APRIL & MAY 2025	UNIT 1 PHOTOSYNTHESIS AND CARBON CYCLE	1.1 Photosynthesis 1.2 More about photosynthesis 1.3 The carbon cycle 1.4 Climate change
JULY 2025	UNIT 2 PROPERTIES OF MATERIALS	2.1 Atomic structure and the Periodic table 2.2 Trends in groups within the Periodic table 2.3 Why elements react to form compounds 2.4 Simple and giant structures
AUGUST 2025	UNIT 3 FORCES AND ENERGY	3.1 Density 3.2 Heat and temperature 3.3 Conservation of energy 3.4 Moving from hot to cold 3.5 Ways of transferring thermal energy 3.6 Cooling by evaporation

SEPTEMBER 2025	UNIT 4 MAINTAINING LIFE	4.1 Plants and water 4.2 Transpiration 4.3 Excretion in humans 4.4 Keeping a fetus healthy
OCTOBER 2025	UNIT 5 REACTIVITY	5.1 Reactivity and displacement reactions 5.2 Using the reactivity series and displacement reactions 5.3 Salts
NOVEMBER 2025	UNIT 5 REACTIVITY UNIT 6 SOUND AND SPACE	5.4 Other ways of making salts 5.5 Rearranging atoms 6.1 Loudness and pitch of sound 6.2 Interference of sound
DECEMBER 2025	REVISION OF UNITS 1 TO 5 HALF YEARLY EXAMS UNIT 6 CONTINUED SOUND AND SPACE	6.3 Formation of the moon 6.4 Nebulae 6.5 Tectonics

SUBJECT – GLOBAL PERSPECTIVES

MONTH	UNIT/TOPIC	CONTENT/ SKILLS DEVELOPED
JULY- AUGUST 2025	UNIT 1 Migration	• Causes of migration • Consequences of immigration policies • Perspectives on migration
AUGUST - SEPTEMBER 2025	UNIT 2 Beliefs about food	• Food Choices • Consequences of the foods we eat • Perspectives on food choices
OCTOBER - NOVEMBER 2025	UNIT 3 Conflict Resolution	• Causes of conflict • Consequences of Conflicts • How to resolve conflicts PREPARATION FOR GP FAIR
NOVEMBER - DECEMBER 2025	UNIT 4 Trade and Aid	• What is aid, and why is it needed? • Should countries trade rather than give aid?
DECEMBER 2025	REVISION	UNIT- 1, 2 & 3 and HALF YEARLY EXAMINATION
JANUARY - FEBRUARY 2026	UNIT 5 Sports for all	• How can sports make people's lives better? • Sport for All - the Social Impact • Famous athletes with disabilities • Perspectives in sports
FEBRUARY- MARCH 2026	UNIT 6 Making a Difference	• What are the main global issues your local community is concerned about? • How are global trends affecting my community?
APRIL/MAY 2026	REVISION	UNITS- 4, 5 & 6 and TERM END EXAMINATION

SUBJECT – SPANISH

MONTH	TOPIC	CONCEPT
APRIL - MAY	En el hotel	- Las expresiones del hotel (Expressions related to hotel) - Los números ordinales - II (Ordinal numbers)
JULY - AUGUST	Un viaje	- Tener + expresiones (Tener + expressions) - Usos de Ser, Estar y Hay (Uses of Ser, Estar & hay) - Tipos de vacaciones (Types of vacations) - Los pronombres objetos (Object pronouns) - Las siete maravillas del mundo (Seven wonders of world)
SEPTEMBER - OCTOBER	El mundo tecnológico	- Verbos para describir objetos (Verbs for describing objects) - El pretérito indefinido (Simple past tense) - Inventos tecnológicos (Technological inventions)
NOVEMBER	Instituto Cervantes	- Las lenguas en el mundo (Languages in the world) - El pretérito imperfecto (Past continuous) - Escribir cartas (Letter writing)
DECEMBER	MID TERM EXAMS	UNIT 1 TO 4
JANUARY	En el restaurante	- La comida (Food) - Los pronombres posesivos (Possessive pronouns) - Los imperativos (Imperativos) - El impersonal (Impersonal)
FEBRUARY	En el hospital	- El verbo doler y las enfermedades (Doler verb & illness) - Los imperativos irregulares (Irregular imperatives)

		• Los imperativos + los objetos pronombres (Imperatives + object pronouns) • Los imperativos de verbos reflexivos (Imperatives of reflexive verbs) • Los pronombres indefinidos (Indefinite pronouns) • La negación doble (Double negation)
MARCH	Famosos hispanos	• Hablar de la duración (Duration) • Saber vs Conocer (Saber vs conocer) • Los adverbios de frecuencia - II (Adverbs of frequency) • Diferencia entre pretéritos (Difference in past tense) • Escribir biografías (Writing biographies)
APRIL	El medio ambiente	• Expresar prohibiciones (Expressing prohibitions) • Expresar obligaciones (Expressing obligations) • Los adverbios de modo (Adverbs of mode) • Conjunciones - II (Conjunctions) • Los comparativos y superlativos (Comparatives & Superlatives) • Las preposiciones - II (Prepositions)
APRIL - MAY	REVISION AND FINAL EXAMS	UNIT 5-8

SUBJECT – GERMAN

MONTH	TOPIC	CONCEPT
JULY - AUGUST	UNIT 1 - Stefan, wie geht's dir?	● to ask and give information about the wellbeing of a person. ● to name a few common ailments and remedies ● to formulate instructions
AUGUST - SEPTEMBER	UNIT 2 - Gesund leben	● to ask for permission ● to allow someone something specific ● to forbid something ● to give reasons for a decision ● to understand a simple recipe ● to discuss healthy living and eating habits
OCTOBER - NOVEMBER	UNIT 3 - Was hast du für deine Gesundheit getan?	● report about past experiences and everyday events ● to question when something happened and answer the same
DECEMBER	MID TERM EXAMINATION	UNIT 1- 3
JANUARY	UNIT 4 - Wo ist Tina?	● to inquire about the whereabouts of a person or a place ● to fix a meeting place ● to talk about shopping places ● to orient oneself in a city
FEBRUARY 2026	UNIT 5 - Hast du Lust, ins Kino zu gehen?	● to plan an outing with friend ● to find ones way in the city, ask for specific information and to offer the same

MARCH -APRIL	UNIT 6 - Ordnung muss sein!	● to ask about the whereabouts of an object and to find it ● to ask where to place an object and to answer the same ● to describe a room
APRIL - MAY 2026	REVISION AND FINAL EXAMS	UNIT 4 - 6

SUBJECT – FRENCH

MONTH	TOPIC	CONCEPT
July	Unit-1 De jeunes Francophones	Family, reflexive verbs, irregular verbs
August	Unit-2 Bienvenue à Paris	Past experiences
September	Unit 3-Ça me passionne	Imparfait
October	Unit-4 Au travail	Falloir, negation
November	Unit-5 Au parc d'attractions	Direct object pronouns
December	Mid Term Examination	Revision and Mid Term Examination
January	Unit-6 Bonjour le Québec	Superlative and comparatives
February	Unit-7 En forme	Healthy eating habits
March	Unit-8 Vive les vacances	Pronom relatif
April- May	Revision and End Term Examination	Revision and End Term Examination

SUBJECT - HINDI

MONTH	TOPIC	CONCEPT
JULY	1. मेरा नया बचपन (कविता)	शब्द विचार (Morphology) तत्सम-तद्भव (Pure & Modified Words) पर्यायवाची शब्द (Synonyms) संज्ञा रचनात्मक लेखन: पत्र लेखन श्रवण कौशल: वार्तालाप (संवाद)
AUGUST	2. बहादुर (कहानी)	● व्याकरण: ○ उपसर्ग (Prefix) ○ प्रत्यय (Suffix) ○ मुहावरे ○ सर्वनाम ● रचनात्मक लेखन: विज्ञापन लेखन ● श्रवण कौशल: समाचार (News)
SEPTEMBER	3. चीफ की दावत (कहानी)	व्याकरण: ● क्रिया

		● विशेषण ● विलोम शब्द (Antonyms) ● लिंग (Gender) रचनात्मक लेखन: निबंध लेखन श्रवण कौशल: कहानी (Story)
OCTOBER	4. बड़े भाई साहब (कहानी)	व्याकरण: ● कारक ● काल ● प्रत्यय ● अनेक के लिए एक शब्द (One-word substitution) रचनात्मक लेखन: डायरी लेखन श्रवण कौशल: साक्षात्कार
NOVEMBER	5. कबीर के दोहे (दोहा)	व्याकरण: ● वाक्य ● विराम चिह्न वाचन कौशल: दोहा वाचन creative Writing ● सूचना लेखन (Notice Writing) Listening Skills ● साक्षात्कार (Interview)

DECEMBER	MID TERM EXAMINATION	UNIT 1- 5
JANUARY	6. अकबरी लोटा (हास्य-व्यंग्य)	वचन प्रतिवेदन लेखन (Report Writing)
FEBRUARY	7. भटकन (एकांकी)	क्रिया विशेषण (Adverb) संधिबोधक (Preposition) अनेकार्थी शब्द (Words with various meanings) लोकोक्तियाँ (Proverbs) ● समाचार शीर्षक लेखन (News Headline Writing) Listening Skills ● व्यक्तित्व परिचय (Informative)
MARCH	8. सजा (कहानी)	निपात (Particles) विस्मयादिबोधक (Interjections) समरूपी भिन्नार्थक (Homonyms)

		अपठित गद्यांश / पद्यांश (Unseen Passage/Poem)
APRIL		रचनात्मक लेखन ● मुहावरे (Idioms) ● लोकोक्तियाँ (Proverbs)
APRIL - MAY	REVISION AND FINAL EXAMS	UNIT 6-8

SUBJECT – ICT

MONTH	TOPIC	CONCEPT
July & August 2025	UNIT 1 The nature of Technology: Inside the CPU	● Central Processing unit ● The fetch-execute cycle ● The CPU and logic ● Complex logical statements ● Logic gates ● Robots and robotics
August & September 2025	UNIT 2 Digital Literacy: Dilemmas	● Who am I? ● Types of social media ● Your digital footprint ● Digital privacy ● Ethics of care ● Healthy balance
October & November 2025	UNIT 4 Programming: The fish pond plan	● A model pond ● Plan and make a program Filling the pond ● Evaporation and rainfall ● The pond through the year ● Warnings and advice
December 2025-26	Half-Yearly Exams	

January 2025-2026	UNIT 3 Computational thinking: Artificial intelligence	● Antarctic base ● heuristics ● Expert systems ● Automate a decision tree ● Machine learning ● Training the computer
February 2026	UNIT 5 Multimedia: Creating a multimedia news site	● Creating a multimedia platform ● Creating a news story ● Plan and record a school podcast ● Edit and publish your audio content ● Plan and create video content ● Edit and publish your video
March	UNIT 6 Numbers and Data: Managing projects	● What is a project? ● Planning a project ● Creating requirements ● Planning a project timetable ● Working on an agile project ● testing software
April 2026	Annual Examination	

SUBJECT – ART & DESIGN

MONTH	TOPIC	CONCEPT
April	Introduction to Installation Art Understand the concept and impact of installation art	● Visual presentation of installation artists (e.g., El Anatsui, Subodh Gupta, Sayaka Ganz) + Class discussion ● Create sketches and models for layout and execution ● Bring waste items from home; sorting by material and texture ● Brainstorming session in small groups – select a theme (e.g., pollution, equality, mental health, overconsumption) ● Full construction with teamwork, roles assigned (structure, detailing, message)
July	Artist : Georgia O’Keeffe (USA) (Installation Work) Large Scale Floral Painting (watercolors or acrylic ,Oil Painting Artist : Claude Monet (France)	● Create pop portraits or repeated images with bright color schemes ● Study consumer culture, repetition, and color theory ● Draw simplified figures with strong lines and vibrant colors ● Study pop culture, public art, and movement in composition ● Large wall hangings made from bottle caps and found materials
August		

MONTH	TOPIC	CONCEPT
	Impressionist garden scenes & water lilies Prep Sheet in Process (A2 Size)	● Create a collaborative wall piece using old wrappers, foil, fabric, or bottle caps ● Students collect plastic items and create animal shapes to raise awareness of pollution ● Creative Installation
September	Artist : Jatin Das (1960s–present) Drawing, painting, murals Artist : Yayoi Kusama (Japan) Dot Art & Installation Concepts (pen/paint/3D)	● Dynamic figurative works with a focus on human movement ● Create gesture drawings, study human emotion and motion through quick sketching. ● Explore repetition, pattern, and space in art
October	Artist : Frida Kahlo (Mexico) Mixed Media Self-Portraits Artist : Vincent van Gogh (Netherlands) Impasto Painting (thick brushstrokes, texture study using acrylic/oil)	● Explore identity, symbolism, and surrealist themes ● Understand expression through brushwork and color
November	Artist : Salvador Dalí (Spain) Surrealist Dreamscapes (color pencils and inks) Artist : FN Souza (India) Line Drawing & Expressionistic Faces (ink/pen)	● Understand surrealism and imaginative storytelling ● Express emotion and distortion in portraiture

MONTH	TOPIC	CONCEPT
December	Artist : Pablo Picasso (Spain) Cubism Collage with Paper & Magazine Cuttings Artist : Henri Matisse (France) Paper Cut-Outs (Collage)	- Analyze form through abstraction and cubism "Painting with scissors" – use colored paper to form abstract compositions
January	Artist : Pablo Picasso (Spain) Cubism Collage with Paper & Magazine Cuttings	Analyze form through abstraction and cubism
February	Artist : Nandalal Bose Cultural revivalist works	Merged nationalism with artistic identity; key mentor at Santiniketan
March	Artist : S.H. Raza Acrylic, mixed media Abstract art with bindu symbolism, rooted in Indian philosophy	Teach mandala-like compositions using geometric abstraction and color theory.

WELLBEING

MONTH	TOPIC	CONCEPT/SKILLS DEVELOPED
JULY	UNDERSTANDING MYSELF	● Identifying emotions ● Managing emotions ● Healthy Lifestyle ● Impact of Healthy lifestyle
AUGUST	MY RELATIONSHIPS	● Introduction to Healthy relationships ● Dimensions of Healthy relationships ● Impact of healthy relationships with peers and family
SEPTEMBER	COPING WITH EXAMINATION STRESS	● Meaning of Examination stress ● Distinguishing the various stressors ● Techniques to manage examination stress effectively
OCTOBER	PURPOSE OF LIFE IN SCHOOL	● Understanding the meaning of life in school ● Distinguishing the factors essential for building one's meaning towards life in school
NOVEMBER	RESILIENCE	● Understanding the meaning of resilience ● Impact of practising resilience on

		enriching wellbeing
DECEMBER	MID TERM EXAMS	MID TERM EXAMS
JANUARY	BUILDING SELF-CONFIDENCE	• Understanding the meaning of self-confidence • Ways to strengthen self-confidence • Exploring growth mindset vs. fixed mindset
FEBRUARY	SIGNIFICANCE OF ACADEMIC GOAL SETTING	• Understanding Academic goals • Impact of goal setting in enriching academic journey
MARCH - APRIL	WELLBEING REVIEW	• Key reflection on their present wellbeing across multiple arenas of life • Identifying habits that support or challenge their wellbeing • Setting a realistic personal wellbeing goal • Practising strategies to build emotional resilience